

#10



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RAW SEQUENCE LISTINGPATENT APPLICATION: US/10/074,225A

DATE: 09/27/2002

TIME: 13:43:07

Input Set : A:\EP.txt

Output Set: N:\CRF4\09272002\J074225A.raw

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3 <110> APPLICANT: DONATE, Fernando
             PLUNKETT, Marian L
              HARRIS, Scott
      5
              MAZAR, Andrew P
      8 <120> TITLE OF INVENTION: HISTIDINE PROLINE RICH GLYCOPROTEIN (HPRG) AS AN ANTI-
ANGIOGENIC AND
     9
             ANTI-TUMOR AGENT
     11 <130> FILE REFERENCE: 38342-178463
     13 <140> CURRENT APPLICATION NUMBER: US 10/074,225A
     14 <141> CURRENT FILING DATE: 2002-02-14
     16 <150> PRIOR APPLICATION NUMBER: US 60/268,370
     17 <151> PRIOR FILING DATE: 2001-02-14
     19 <160> NUMBER OF SEQ ID NOS: 11
     21 <170> SOFTWARE: PatentIn version 3.1
     23 <210> SEQ ID NO: 1
     24 <211> LENGTH: 525
     25 <212> TYPE: PRT
     26 <213> ORGANISM: Homo sapiens
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    50 Leu Ser Arg Lys Tyr Trp Asn Asp Cys Glu Pro Pro Asp Ser Arg Arg
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                                        105
    58 Ser His Glu Ser Gln Asp Leu Arg Val Ile Asp Phe Asn Cys Thr Thr
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                                    120
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    65 Ile Asp Phe Phe Glu Asp Thr Glu Arg Tyr Arg Lys Gln Ala Asn Lys
                            150
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    69 Ala Leu Glu Lys Tyr Lys Glu Glu Asn Asp Asp Phe Ala Ser Phe Arg
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    73 Val Asp Arg Ile Glu Arg Val Ala Arg Val Arg Gly Glu Gly Thr
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    77 Gly Tyr Phe Val Asp Phe Ser Val Arg Asn Cys Pro Arg His His Phe
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82		210					215	-				220				
85 A	an T	Ja 1	Glu	Ala	Leu	Asp	Leu	Glu	Ser	Pro	Lys	Asn	Leu	Val	Ile	Asn
86 2	_					230					235					240
80 0	172 (2111	Va l	Phe	Asp		Gln	Glu	His	Glu	Asn	Ile	Asn	Gly	Val	Pro
90	.ys (JIU	• • •	1	245					250				_	255	
03 5	ero i	Tie	T.011	G1 v		Pro	Phe	His	Trp			His	Glu	Arg	Ser	Ser
93 F	10 1	113	цец	260	1110	110	1110		265		1			270		
07 1	Bhw f	Dh.∽	Tuc		Dro	Dhe	T.v.c	Pro			Ser	Ara	Asp	His	His	His
	riir .	TIIT	275	PIO	FIO	FIIC	шуз	280	1115	Q11		5	285			
98	D	TT 2 a		. D.w.c	. IIi c	C1.	. Ui		, Dr	o Pr	o Pr	o Pro		Ast	Glu	Arg
	Pro			PIC) HIS	GIL	29!		, FI	O FI	O II	30		, ,,,,,,	. 010	9
102		290	a	. 17:	. 01-	. n			ı Dr	o 61	n G1	_		Pro	Len	Leu
	_	HIS	Sei	HIS	S GT) rec	1 PI	O GT	31		0 110	, , , ,	, 100	320
106	305			_	_	310		- 01.		a 31			o C11	, The	· Aer	
	Pro	Met	. Sei	с Суя			r Cy:	S GII	і нт	S AI	Δ 11.	IT PII	e Gij	, 1111	335	Gly
110		_			325		_	_	• -	33		- 7-0	- Tai	. 1116		
113	Ala	Gln	Arg			His	s Ası	n Ası			r se	r As	р ге	350	PIC	His
114				34(_			34		1					
117	Lys	His			· His	s Glu	ı Gl			O H1	s G1	у ні	S HIS	· PIC) HIS	: Ala
118			355	5				360					365		01 .	. ***
121	His	His	Pro	o His	s Glu	ı His			r Hi	s Ar	g G1	n Hi	s Pro	HIS	S GT	His
122		370	1				37					38			'	
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129	Pro	His	Gly	y His	s His	Pro	o Hi	s Cy	s Hi	s As	p Ph	ıe Gl	n Ası	э Туі	r Gly	Pro
130					405					41					415	
133	Cys	Asp	Pro	o Pro	Pro	His	s As:	n Gl	n Gl	y Hi	s Cy	rs Cy	s His	s Gly	His	Gly
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137	Pro	Pro	Pro	o Gly	/ His	Lei	ı Ar	g Ar	g Ar	g Gl	y Pi	o Gl	у Гу:	s Gly	Pro	Arg
138			435	5				44	0				44	5		
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142		450)				45	5				46	0			
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153	Pro	G1r	se:	r Vai	l Sei	c Gl	u Se	r Cy	s Pr	o Gl	y Ly	s Ph	e Ly	s Sei	r Gly	y Phe
154				500				-	50	5				510)	
157	Pro	Glr	va '			. Phe	e Ph	e Th	r Hi	s Th	r Ph	ne Pr	o Ly	S		
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171	as+	79 LC	iace	ata	atta	יאם. יאר י	cact	actt:	tt a	atca	cati	g ca	gtat	tcat	qta	ccgtgag
т/т	aal	yaaç	gua	CLC	a c c y i	Juy '	Juli	g	9		,		J	. , -	J - J	

60 120 180 **RAW SEQUENCE LISTING**PATENT APPLICATION: **US/10/074,225A**DATE: 09/27/2002

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179 cctatccagg aaatactgga atgactgtga gccacctgat tccagacgtc catctgaaat
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181 agtgatcgga caatgtaagg taatagctac aagacattcc catgaatctc aggacctcag
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187 agcccttgag aagtacaaag aggagaatga tgactttgcc tctttcagag tggaccgaat
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193 agatttqttc tatqatqtaq aagccttgga cttggaaagc ccgaaaaacc ttgtcataaa
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269 270	Val	Ile	Ala	Thr 100	Arg	Tyr	Ser	Asp	Glu 105	Tyr	Gln	Thr	Leu	Arg 110	Leu	Asn
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277 278	Lys	Asp 130	Ser	Pro	Val	Leu	Phe 135	Asp	Phe	Ile	Glu	Asp 140	Thr	Glu	Pro	Phe
	Arg 145	Lys	Ser	Ala	Asp	Lys 150	Ala	Leu	Glu	Val	Tyr 155	Lys	Ser	Glu	Ser	Glu 160
285 286	Ala	Tyr	Ala	Ser	Phe 165	Arg	Val	Asp	Arg	Val 170	Glu	Arg	Val	Thr	Arg 175	Val
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DATE: 09/27/2002

TIME: 13:43:07 PATENT APPLICATION: US/10/074,225A Input Set : A:\EP.txt Output Set: N:\CRF4\09272002\J074225A.raw 490 366 485 369 Phe Pro Gln Val Ala Ser Glu Arg Cys Pro Glu Glu Phe Asn Gly Glu 505 370 500 373 Phe Ala Gln Leu Ser Lys Phe Phe Pro Ser Thr Phe Pro Lys 515 520 374 377 <210> SEQ ID NO: 4 378 <211> LENGTH: 1662 379 <212> TYPE: DNA 380 <213> ORGANISM: Lepus americanus 382 <220> FEATURE: 383 <221> NAME/KEY: misc_feature 384 <222> LOCATION: (1604)..(1604) 385 <223> OTHER INFORMATION: N can be A, C, G or T 388 <400> SEQUENCE: 4 389 gcgccacact gcagtgttcg tgggctttga ctcccactga ctgcaaaact accaagccct 60 391 tggctgagaa agctctagac ctgatcaata aatggcgacg ggatggctac cttttccagt 120 180 393 tgctgcgagt cgctgatgcc cacttggacg gagcggaatc tgccactgtc tactatttag 395 tettagatgt gaaagagaet gaetgtteag tgetateeag gaaacaetgg gaagaetgtg 240 300 397 acccagatet tactaaacgt ceatetettg acgtgattgg geaatgtaag gtgatageta 360 399 ccaqatattc qqatqaatat cagactctaa gattgaatga ctttaactgc accacgagtt 401 ccgtctcttc agccctggcc aacactaaag acagtcctgt tctctttgat ttcatcgagg 420 403 acacqqaqcc cttcagaaaa tccgcggaca aagccctgga ggtgtacaaa agtgaaagcg 480 405 aggcqtatgc ctctttcaga gtggaccggg tagagagagt cacaagggtg aaaggaggag 540 600 407 agagaaccaa ttactatgtg gacttctccg tgaggaactg ctccaggtct cacttccaca 409 gacaccccgc ctttgggttc tgcagagcag atctgtcctt tgatgtagaa gcctcgaact 660 411 tggaaaaccc agaagacgtt attataagct gtgaagtctt taactttgag gaacatggaa 720 413 acatcagtgg ttttcgaccc catttgggca agactccact tgggactgat ggatccagag 780 415 atcatcatca tececacaag ecacataagt ttggatgeec aceteeccaa gaaggggaag 840 417 atttctcgga aggaccacca cttcaaggtg gaaccccccc actctccccc cccttcaggc 900 419 caagatgtcg tcatcgccct tttggcacca atgaaaccca tcggttccct catcatcgaa 960 421 tttcagtgaa catcatccat aggccccctc cccatggaca tcacccccat gggccccctc 1020 1080 423 cccatqqaca tcacccccat qqqccccctc cccatqqaca tcctcctcat ggaccccctc 425 occgacator tecceatggg cetectere atggacator ecceatgga eccettere 1140 427 atggacatcc tecteatgga eccetteece atggacatec tecceatggg eccetteece 1200 429 atggacatee tecceatgge catggtttee atgaceatgg accetgtgae ceaecateee 1260 431 ataaagaagg tccccaagac ctccatcagc atgccatggg accaccacct aagcacccag 1320 433 gaaagagagg tocaggtaaa ggacactttc cottocactg gagaagaatt gggtotgttt 1380 435 accaactgcc cccactgcag aaaggtgaag teetteeeet teecgaagee aatttteeee 1440 1500 437 agettetett geggaaceae acceaecete taaageeega gateeageee tteeeteagg 439 tagectetga gegetgteea gaggagttea atggtgagtt tgeacaacte tecaagtttt 1560 W--> 441 teceatetae atttecaaaa tgaaatetga ttteettgat gggnaacaat gaatgatatt 1620 1662 443 ctgtattagc accataaata aaatgtggcc atgatgaatg ca 446 <210> SEQ ID NO: 5 447 <211> LENGTH: 148 448 <212> TYPE: PRT 449 <213> ORGANISM: Homo sapiens 451 <400> SEOUENCE: 5

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10

RAW SEQUENCE LISTING

454 1

RAW SEQUENCE LISTING ERROR SUMMARY PATENT APPLICATION: US/10/074,225A

DATE: 09/27/2002 TIME: 13:43:08

Input Set : A:\EP.txt

Output Set: N:\CRF4\09272002\J074225A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; N Pos. 1604
Seq#:7; Xaa Pos. 1,2

VERIFICATION SUMMARY

DATE: 09/27/2002

PATENT APPLICATION: US/10/074,225A

TIME: 13:43:08

Input Set : A:\EP.txt

Output Set: N:\CRF4\09272002\J074225A.raw

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